

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant: Andrew D. MURDIN et al.  
Title: CHLAMYDIA ANTIGENS AND CORRESPONDING DNA FRAGMENTS AND  
USES THEREOF  
Appl. No.: To be assigned  
Filing Date: April 3, 2001  
Examiner: To be assigned  
Art Unit: To be assigned

**UTILITY PATENT APPLICATION**  
**TRANSMITTAL**

Commissioner for Patents  
Box PATENT APPLICATION  
Washington, D.C. 20231

Sir:

Transmitted herewith for filing under 37 C.F.R. § 1.53(b) is the nonprovisional utility patent application of:

Andrew D. Murdin  
Raymond P. Oomen  
Joe Wang  
Pamela Dunn

Enclosed are:

- ☒ Specification, Claim(s), and Abstract (67 pages).
- ☒ Informal drawings (11 sheets, Figures 1-4).
- ☒ Unexecuted Declaration and Power of Attorney (4 pages).

The filing fee is calculated below:

	Claims as Filed	Included in Basic Fee	Extra Claims	Rate	Fee Totals
Basic Fee				\$710.00	\$710.00
Total Claims:	39	- 20	= 19	x \$18.00	= \$342.00
Independents:	7	- 3	= 4	x \$80.00	= \$320.00
If any Multiple Dependent Claim(s) present:			+	\$270.00	= \$270.00
Surcharge under 37 CFR 1.16(e) for late filing of Executed Declaration and late payment of filing fee			+	\$130.00	= \$130.00
				SUBTOTAL:	= \$1772.00
[ ] Small Entity Fees Apply (subtract ½ of above):				=	\$0.00
				TOTAL FILING FEE:	= \$1,772.00

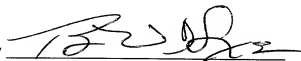
- [ ] A check in the amount of \$0.00 to cover the filing fee is enclosed.
- [X] The required filing fees are not enclosed but will be submitted in response to the Notice to File Missing Parts of Application.
- [ ] The Commissioner is hereby authorized to charge any additional fees which may be required regarding this application under 37 C.F.R. §§ 1.16-1.17, or credit any overpayment, to Deposit Account No. 19-0741. Should no proper payment be enclosed herewith, as by a check being in the wrong amount, unsigned, post-dated, otherwise improper or informal or even entirely missing, the Commissioner is authorized to charge the unpaid amount to Deposit Account No. 19-0741.

Please direct all correspondence to the undersigned attorney or agent at the address indicated below.

Respectfully submitted,

Date April 3, 2001

By



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